To: 'David.Berestka@tetratech.com' <David.Berestka@tetratech.com

Sent: Thur 9/14/2017 5:07:18 PM

Subject: FW: Tower Standard QAPP Review START IV Contract QAPP review signed.pdf

David,

Are you the main Tower Standard contact?

Please see message below.

From: Sasnow, Zachary

Sent: Thursday, September 14, 2017 11:47 AM To: Kamke, Sherry < Kamke. Sherry@epa.gov> Cc: Egan, Robert < egan.robert@epa.gov> Subject: RE: Tower Standard QAPP Review

Hello Sherry,

Attached is my standard RRB QA review form for the START IV QAPP— this is based off of the national QAPP requirements doc (QA-R5) so TetraTech's QA contact should be familiar. Overall, the START QAPP is far too vague to apply directly to the project, but they can add the project-specific needs listed in this form directly to the work plan and forego making a QAPP if they wish.

Let me know if you have any questions, also I can contact TetraTech directly if you prefer, though I didn't hear back from anyone yesterday when I reached out.

Zack

From: Kamke, Sherry

Sent: Wednesday, September 13, 2017 2:42 PM

To: Sasnow, Zachary <<u>sasnow.zachary@epa.gov</u>>

Cc: Egan, Robert < <u>egan.robert@epa.gov</u>>
Subject: FW: Tower Standard QAPP Review

Zach,

I received the attachment from Sam Chummar, Superfund Project Officer for the START contract.

From: Chummar, Sam

Sent: Wednesday, September 13, 2017 2:17 PM

To: Kamke, Sherry < Kamke. Sherry@epa.gov >; Peterson, Steven < peterson.steven@epa.gov >

Subject: RE: Tower Standard QAPP Review

Sam Chummar

Phone: 312-886-1434

Email: chummar.sam@epa.gov

From: Kamke, Sherry

Sent: Wednesday, September 13, 2017 2:16 PM

To: Chummar, Sam < chummar.sam@epa.gov>; Peterson, Steven peterson.steven@epa.gov>

Subject: FW: Tower Standard QAPP Review

Sam or Steven,

Do you know how we can acquire a copy of the general contract QAPP? Our QA reviewer wants to have a copy to start becoming familiar with it.

Sherry

From: Sasnow, Zachary

Sent: Wednesday, September 13, 2017 2:01 PM **To:** Kamke, Sherry < <u>Kamke.Sherry@epa.gov</u>> **Subject:** FW: Tower Standard QAPP Review

Here's what I sent. If you can find the QAPP on our end I'll tell them not to worry about it. Haven't heard back yet.

Zack

From: Sasnow, Zachary

Sent: Wednesday, September 13, 2017 11:32 AM

To: 'Kevin.Scott@tetratech.com' < <u>Kevin.Scott@tetratech.com</u>'>; 'David.Berestka@tetratech.com' < David.Berestka@tetratech.com'>;

'Chit.Christian@tetratech.com' < Chit.Christian@tetratech.com; 'Carla.Buriks@tetratech.com'

<<u>Carla.Buriks@tetratech.com</u>>

Subject: Tower Standard QAPP Review

Hello all,

Sherry Kamke forwarded your contact information to me – I will be conducting the QAPP review for the Lac du Flambeau project. I understand you asked if the general contract QAPP would be adequate for the project – likely this is not the case, as parts of the quality system requirements are project-specific and a general QAPP wouldn't address these. However, oftentimes these extra project-specific needs can be discussed in the field work plan and not require a separate QAPP. Can you please send me the general QAPP you are referring to and I can see what aspects would need to be addressed in the work plan/project-specific QAPP.

Thanks,		
Zack Sasnow		
Zack Sasnow		

Environmental Engineer

RCRA Corrective Action Section 1

U.S. EPA, Region 5

(312) 886-0258

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